



KAISHAN COMPRESSOR USA, LLC

TECHNICAL DATA

KRSB/T 5-115 KRSB/T 5-125 KRSB/T 5-150 KRSB/T 5-175

GENERAL DATA

ACFM	16.5	16.3	13.7	11.5
Full load pressure (psig)	115	125	150	175
Maximum pressure (psig)	125	135	160	185
Package KW at rated pressure (A/C)	5.1	5.3	5.2	5.3
Specific power KW/100 cfm (A/C)	30.9	32.5	38.0	46.1
Package KW at rated pressure (W/C)	N/A	N/A	N/A	N/A
Specific power KW/100 cfm (W/C)	N/A	N/A	N/A	N/A
Unloaded power (KW)	1.7	1.7	1.7	1.7
Control type		Load/Unload		
Starter type		ACL		

AIR END DATA

Air end model		Patented SKK 5/6 profile		
Number of thrust bearings (male/female)	2-2	2-2	2-2	2-2
Drive type	BELT	BELT	BELT	BELT
Bearing manufacturer	SKF only	SKF only	SKF only	SKF only

COOLING DATA (AIR)

Ambient temperature rating (min/max)			32/122	
Cooling fan capacity	1178	1178	1178	1178
Heat rejected (BTU/HR)	15423	15423	15423	15423
Max. static back pressure			6mmH2O	
Approach temperature	18	18	18	18

COOLING DATA (WATER)

Type of heat exchangers	N/A	N/A	N/A	N/A
Cooling fan capacity (cfm)	N/A	N/A	N/A	N/A
Approach temperature	N/A	N/A	N/A	N/A
Heat rejected into cooling water (BTU/HR)	N/A	N/A	N/A	N/A
Heat rejected into cooling air (BTU/HR)	N/A	N/A	N/A	N/A
Maximum outlet temperature	N/A	N/A	N/A	N/A
Maximum inlet temperature	N/A	N/A	N/A	N/A
Minimum cooling water flow (F)	N/A	N/A	N/A	N/A
Water pressure drop (psi)	N/A	N/A	N/A	N/A

SOUND LEVEL

Sound Level (A/C)	70	70	70	70
Sound Level (W/C)	N/A	N/A	N/A	N/A



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ELECTRICAL DATA

			NEMA1	
			TEFC	
			F	
Electrical enclosure rating				
Enclosure type (drive and fan)				
Insulation class (drive and fan)				
Drive motor HP	5	5	5	5
Drive motor nominal speed(rpm)	3530	3530	3530	3530
Service Factor	1.15	1.15	1.15	1.15
Drive motor efficiency	88.5%	88.5%	88.5%	88.5%
Fan motor HP #1	0.5	0.5	0.5	0.5
Fan motor HP #2	N/A	N/A	N/A	N/A
Full load package amps 230V/60HZ 1Phase	23.3	23.3	23.3	23.3
Full load package amps 208V/60HZ 3 Phase	16.5	16.5	16.5	16.5
Full load package amps 230V/60HZ 3 Phase	15.1	15.1	15.1	15.1
Full load package amps 460V/60HZ 3 Phase	7.5	7.5	7.5	7.5
Full load package amps 575V/60HZ 3 Phase	6.5	6.5	6.5	6.5

FILTRATION AND LUBRICATION DATA

Air filter micron rating	5µm	5µm	5µm	5µm
Fluid filter micron rating	23µm	23µm	23µm	23µm
Fluid carryover (PPM)	<3	<3	<3	<3

COMPRESSOR COOLING FLUID DATA

Fluid capacity (A/C) (Gal)	1.7	1.7	1.7	1.7
Fluid capacity (W/C) (Gal)	N/A	N/A	N/A	N/A
Fluid normal life expectancy (HR)	8000	8000	8000	8000

PACKAGE INFORMATION

Discharge Connection Base Mount (in)	NPT .75	NPT .75	NPT .75	NPT .75
Discharge Connection Tank Mount (in)	NPT 1	NPT 1	NPT 1	NPT 1
Discharge Connection Tank/Dryer Mount (in)	NPT .50	NPT .50	NPT .50	NPT .50
Dimensions Base Mount 3PH LxWxH	33x21x37	33x21x37	33x21x37	33x21x37
Dimensions Tank Mount 3PH LxWxH	68x24x65	68x24x65	68x24x65	68x24x65
Dimensions Tank/Dryer Mount 3PH LxWxH	71x24x65	71x24x65	71x24x65	71x24x65
Unit Weight Base Mount 3PH (lbs)	485	485	485	485
Unit Weight Tank Mount 3PH (lbs)	705	705	705	705
Unit Weight Tank/Dryer Mount 3PH (lbs)	755	755	755	755
Dimensions Base Mount 1PH LxWxH	35x26x38	35x26x38	35x26x38	35x26x38
Dimensions Tank/Dryer Mount 1PH LxWxH	71x26x68	71x26x68	71x26x68	71x26x68
Unit Weight Base Mount 1PH (lbs)	565	565	565	565
Unit Weight Tank Mount 1PH (lbs)	785	785	785	785
Unit Weight Tank/Dryer Mount 1PH (lbs)	835	835	835	835

PRODUCT FEATURES

Motor brand	Marathon or Weg
Starter and controls brand	Siemens or Schnieder
Enclosure/Cabinet type	Low sound
Inlet filter type	Heavy Duty
Phase monitor	Standard
Cooling fan type (A/C)	Axial
Internal piping	Stainless steel
Effective 2-1-20	